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=> e BASF/PA

E1 1 BASEY/PA

E2 1 BASEY GENE/PA

E3 52767 --> BASF/PA

E4 2 BASF A G/PA

E5 300 BASF AG/PA

E6 8126 BASF AG, 6700 LUDWIGSHAFEN, DE/PA

E7 8297 BASF AG, 67063 LUDWIGSHAFEN, DE/PA

E8 1 BASF AGRO B V AMHEM NL WADENSWIL BRANCH/PA

E9 3 BASF AGRO B V ARNHEM NL WADENSWIL BRANCH/PA

E10 15 BASF AGRO B V ARNHEM NL WAEDENSWIL BRANCH/PA

E11 3 BASF AGRO B.V., ARNHEM (NL)-WAEDENSWIL-BRANCH, WAEDENSWIL, C
H/PA

E12 1 BASF AKDTIENGESELLSCHAFT/PA

=> s e3 or e5 or e6 or e7

L1 52767 BASF/PA OR "BASF AG"/PA OR "BASF AG, 6700 LUDWIGSHAFEN, DE"/PA
OR "BASF AG, 67063 LUDWIGSHAFEN, DE"/PA

=> s L1 and graft polymer?

5 FILES SEARCHED...

L2 1000 L1 AND GRAFT POLYMER?

=> s 108-05-4/rn

'RN' IS NOT A VALID FIELD CODE

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'RN' IS NOT A VALID FIELD CODE

'RN' IS NOT A VALID FIELD CODE

L3 1720 108-05-4/RN

=> s L2 and L3

L4 16 L2 AND L3

=> s polyethylene glycol?

L5 277273 POLYETHYLENE GLYCOL?

=> s L1 and L5

L6 1883 L1 AND L5

=> s L4 and L6

L7 15 L4 AND L6

=> dup rem L7

DUPLICATE IS NOT AVAILABLE IN 'RDISCLOSURE'.

ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE

PROCESSING COMPLETED FOR L7

L8 11 DUP REM L7 (4 DUPLICATES REMOVED)

=> d 1-11 ibib abs

L8 ANSWER 1 OF 11 . USPATFULL on STN

ACCESSION NUMBER: 2005:65235 USPATFULL

TITLE: Grafted polymers as gas hydrate inhibitors

INVENTOR(S): Angel, Maximilian, Schifferstadt, GERMANY, FEDERAL

REPUBLIC OF

Neubecker, Karin, Frankenthal, GERMANY, FEDERAL

REPUBLIC OF

Sanner, Axel, Frankenthal, GERMANY, FEDERAL REPUBLIC OF

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Ludwigshafen,
GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6867262	B1	20050315
	WO 2001009271		20010208
APPLICATION INFO.:	US 2002-30987		20020116 (10)
	WO 2000-EP6564		20000711
			20020116 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1999-19935063	19990728
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Hightower, Patricia Hampton	
LEGAL REPRESENTATIVE:	Oblon, Spivak, McClelland, Maier & Neustadt, P.C.	
NUMBER OF CLAIMS:	16	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	408	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Graft polymers are used as gas hydrate inhibitors.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 2 OF 11 USPATFULL on STN DUPLICATE 1
ACCESSION NUMBER: 2003:18268 USPATFULL
TITLE: Multicomponent superabsorbent gel particles
INVENTOR(S): Beihoffer, Thomas W., Arlington Heights, IL, UNITED STATES
Mitchell, Michael A., Lake Zurich, IL, UNITED STATES
Anderson, Mark, Wheaton, IL, UNITED STATES
Tomlin, Anthony S., Island Lake, IL, UNITED STATES
PATENT ASSIGNEE(S): BASF Aktiengesellschaft (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003014027	A1	20030116
	US 6596921	B2	20030722
APPLICATION INFO.:	US 2001-875643	A1	20010606 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-551963, filed on 19 Apr 2000, PENDING Division of Ser. No. US 1998-179553, filed on 28 Oct 1998, GRANTED, Pat. No. US 6222091		
	Continuation-in-part of Ser. No. US 1998-120674, filed on 22 Jul 1998, GRANTED, Pat. No. US 6235965		
	Continuation-in-part of Ser. No. US 1997-974125, filed on 19 Nov 1997, GRANTED, Pat. No. US 6072101		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	MARSHALL, O'TOOLE, GERSTEIN, MURRAY & BORUN, 6300 SEARS TOWER, 233 SOUTH WACKER DRIVE, CHICAGO, IL, 60606-6402		
NUMBER OF CLAIMS:	47		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	22 Drawing Page(s)		
LINE COUNT:	2587		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Multicomponent superabsorbent gel particles are disclosed. The multicomponent particles comprise at least one acidic water-absorbing resin and at least one basic water-absorbing resin. Each particle contains at least one microdomain of the acidic resin in contact with, or in close proximity to, at least one microdomain of the basic resin. Blends of multicomponent superabsorbent gel particles with particles of a second water-absorbing resin also are disclosed. Improved diaper cores containing particles of the multicomponent superabsorbent gel particles also are disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 3 OF 11 USPATFULL on STN
ACCESSION NUMBER: 2003:115817 USPATFULL
TITLE: Multicomponent superabsorbent gel particles
INVENTOR(S): Beihoffer, Thomas W., Arlington Heights, IL, United States
Mitchell, Michael A., Lake Zurich, IL, United States
Anderson, Mark, Wheaton, IL, United States
Tomlin, Anthony S., Island Lake, IL, United States
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Ludwigshafen, GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6555502	B1	20030429
APPLICATION INFO.:	US 2000-551948		20000419 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1998-179553, filed on 28 Oct 1998, now patented, Pat. No. US 6222091, issued on 21 Apr 2001 Continuation-in-part of Ser. No. US 1998-120674, filed on 22 Jul 1998, now patented, Pat.		

No. US 6235965, issued on 25 May 2001
Continuation-in-part of Ser. No. US 1997-974125, filed
on 19 Nov 1997, now patented, Pat. No. US 6072101,
issued on 6 Jun 2000

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Ruhl, Dennis
ASSISTANT EXAMINER: Bogart, Michael
LEGAL REPRESENTATIVE: Marshall, Gerstein & Borun
NUMBER OF CLAIMS: 18
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 34 Drawing Figure(s); 22 Drawing Page(s)
LINE COUNT: 2374

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Multicomponent superabsorbent gel particles are disclosed. The multicomponent particles comprise at least one acidic water-absorbing resin and at least one basic water-absorbing resin. Each particle contains at least one microdomain of the acidic resin in contact with, or in close proximity to, at least one microdomain of the basic resin. Blends of multicomponent superabsorbent gel particles with particles of a second water-absorbing resin also are disclosed. Improved diaper cores containing particles of the multicomponent superabsorbent gel particles also are disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 4 OF 11 USPATFULL on STN

ACCESSION NUMBER: 2003:20337 USPATFULL
TITLE: Multicomponent superabsorbent gel particles
INVENTOR(S): Beihoffer, Thomas W., Arlington Heights, IL, United States
Mitchell, Michael A., Lake Zurich, IL, United States
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Ludwigshafen,
GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6509512	B1	20030121
APPLICATION INFO.:	US 2000-500205		20000208 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1997-974125, filed on 19 Nov 1997, now patented, Pat. No. US 6072101		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Lewis, Aaron J.		
ASSISTANT EXAMINER:	Bogart, Michael		
LEGAL REPRESENTATIVE:	Marshall, Gerstein & Borun		
NUMBER OF CLAIMS:	85		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	1490		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Multicomponent superabsorbent gel particles are disclosed. The multicomponent particles comprise at least one acidic water-absorbing resin and at least one basic water-absorbing resin. Each particle contains microdomains of the acidic resin and/or the basic resin homogeneously dispersed throughout the particle.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 5 OF 11 USPATFULL on STN

DUPLICATE 2

ACCESSION NUMBER: 2002:27000 USPATFULL
TITLE: Multicomponent superabsorbent fibers
INVENTOR(S): Evans, Samantha J., Lymm Cheshire, WA, UNITED STATES
Henderson, John A., Birkenhead, UNITED KINGDOM

PATENT ASSIGNEE(S): Mitchell, Michael A., Lake Zurich, IL, UNITED STATES
Tomlin, Anthony S., Island Lake, IL, UNITED STATES
BASF Aktiengesellschaft (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002015846	A1	20020207
	US 6376072	B2	20020423
APPLICATION INFO.:	US 2001-860095	A1	20010517 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1999-273878, filed on 22 Mar 1999, PENDING Continuation-in-part of Ser. No. US 1998-179553, filed on 28 Oct 1998, GRANTED, Pat. No. US 6222091 Continuation-in-part of Ser. No. US 1998-120674, filed on 22 Jul 1998, GRANTED, Pat. No. US 6235965 Continuation-in-part of Ser. No. US 1997-974125, filed on 19 Nov 1997, GRANTED, Pat. No. US 6072101		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	MARSHALL, O'TOOLE, GERSTEIN, MURRAY & BORUN, 6300 SEARS TOWER, 233 SOUTH WACKER DRIVE, CHICAGO, IL, 60606-6402		
NUMBER OF CLAIMS:	65		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	9 Drawing Page(s)		
LINE COUNT:	2457		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

AB Multicomponent superabsorbent fibers are disclosed. The multicomponent fibers comprise at least one acidic water-absorbing resin and at least one basic water-absorbing resin. Each fiber contains at least one microdomain of the acidic resin in contact with, or in close proximity to, at least one microdomain of the basic resin. Blends of multicomponent superabsorbent fibers with particles of a second water-absorbing resin also are disclosed. Articles containing the multicomponent superabsorbent fibers also are disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 6 OF 11 USPATFULL on STN
ACCESSION NUMBER: 2002:116462 USPATFULL
TITLE: Diapers having improved acquisition rates
INVENTOR(S): Beihoffer, Thomas W., Arlington Heights, IL, United States
Mitchell, Michael A., Lake Zurich, IL, United States
Anderson, Mark, Wheaton, IL, United States
Tomlin, Anthony S., Island Lake, IL, United States
PATENT ASSIGNEE(S): **BASF** Aktiengesellschaft, Ludwigshafen, GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6392116	B1	20020521
APPLICATION INFO.:	US 2000-551963		20000419 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1998-179553, filed on 28 Oct 1998, now patented, Pat. No. US 6222091 Continuation-in-part of Ser. No. US 1998-120674, filed on 22 Jul 1998, now patented, Pat. No. US 6235965 Continuation-in-part of Ser. No. US 1997-974125, filed on 19 Nov 1997, now patented, Pat. No. US 6072101		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Weiss, John G.		
ASSISTANT EXAMINER:	Bogart, Michael		
LEGAL REPRESENTATIVE:	Marshall, Gerstein, & Borun.		
NUMBER OF CLAIMS:	5		

EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 34 Drawing Figure(s); 22 Drawing Page(s)
LINE COUNT: 2312
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Improved diaper cores containing particles of multicomponent
superabsorbent particles and having improved acquisition rates are
disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 7 OF 11 USPAT2 on STN
ACCESSION NUMBER: 2002:12781 USPAT2
TITLE: Continuous manufacture of superabsorbent/ion exchange
sheet material
INVENTOR(S): Mitchell, Michael A., Lake Zurich, IL, United States
Anderson, Mark, Wheaton, IL, United States
Beihoffer, Thomas W., Arlington Heights, IL, United
States
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Ludwigshafen,
GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6623576	B2	20030923
APPLICATION INFO.:	US 2001-875593		20010606 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-746177, filed on 22 Dec 2000 Continuation-in-part of Ser. No. US 1998-179554, filed on 28 Oct 1998, now patented, Pat. No. US 6194631 Continuation-in-part of Ser. No. US 2000-551963, filed on 19 Apr 2000, now patented, Pat. No. US 6392116 Division of Ser. No. US 1998-179553, filed on 28 Oct 1998, now patented, Pat. No. US 6222091		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Lechert, Jr., Stephen J.		
LEGAL REPRESENTATIVE:	Marshall, Gerstein & Borun		
NUMBER OF CLAIMS:	50		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	38 Drawing Figure(s); 26 Drawing Page(s)		
LINE COUNT:	2985		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A continuous sheet having a combination of acidic and basic
water-absorbing resin particles that are essentially not neutralized and
can be continuously manufactured on conventional papermaking apparatus,
using a wet, dry, or wet-dry process to manufacture a water-absorbent
sheet-like substrate containing 50%-100% by weight of the combination of
acidic and basic water-absorbent particles. The acidic and basic
essentially unneutralized resins can be contained in the sheet material
articles of the present invention as separate acidic and basic resin
particles, or as multicomponent particles containing both the acidic and
basic resins. The sheet materials can be manufactured having new and
unexpected structural integrity, with little or no shakeout or loss of
superabsorbent particles during or after manufacture while exhibiting
exceptional water absorption and retention properties.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 8 OF 11 USPATFULL on STN DUPLICATE 3
ACCESSION NUMBER: 2001:212613 USPATFULL
TITLE: Multicomponent superabsorbent gel particles
INVENTOR(S): Beihoffer, Thomas W., Arlington Heights, IL, United
States
Mitchell, Michael A., Lake Zurich, IL, United States
PATENT ASSIGNEE(S): BASF Aktiengesellschaft (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001044612	A1	20011122
	US 6596922	B2	20030722
APPLICATION INFO.:	US 2001-880497	A1	20010613 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-500205, filed on 8 Feb 2000, PENDING Continuation of Ser. No. US 1997-974125, filed on 19 Nov 1997, GRANTED, Pat. No. US 6072101		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	MARSHALL, O'TOOLE, GERSTEIN, MURRAY & BORUN, 6300 SEARS TOWER, 233 SOUTH WACKER DRIVE, CHICAGO, IL, 60606-6402		
NUMBER OF CLAIMS:	41		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Page(s)		
LINE COUNT:	1335		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
AB	Multicomponent superabsorbent gel particles are disclosed. The multicomponent particles comprise at least one acidic water-absorbing resin and at least one basic water-absorbing resin. Each particle contains microdomains of the acidic resin and/or the basic resin homogeneously dispersed throughout the particle.		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 9 OF 11 USPATFULL on STN DUPLICATE 4
 ACCESSION NUMBER: 2001:176700 USPATFULL
 TITLE: Multicomponent superabsorbent gel particles
 INVENTOR(S): Beihoffer, Thomas W., Arlington Heights, IL, United States
 Mitchell, Michael A., Lake Zurich, IL, United States
 PATENT ASSIGNEE(S): BASF Aktiengesellschaft (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001029358	A1	20011011
	US 6603056	B2	20030805
APPLICATION INFO.:	US 2001-849845	A1	20010504 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1998-120674, filed on 22 Jul 1998, GRANTED, Pat. No. US 6235965 Continuation-in-part of Ser. No. US 1997-974125, filed on 19 Nov 1997, GRANTED, Pat. No. US 6072101		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	MARSHALL, O'TOOLE, GERSTEIN, MURRAY & BORUN, 6300 SEARS TOWER, 233 SOUTH WACKER DRIVE, CHICAGO, IL, 60606-6402		
NUMBER OF CLAIMS:	48		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	9 Drawing Page(s)		
LINE COUNT:	2133		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
AB	Multicomponent superabsorbent gel particles are disclosed. The multicomponent particles comprise at least one acidic water-absorbing resin and at least one basic water-absorbing resin. Each particle contains at least one microdomain of the acidic resin in contact with, or in close proximity to, at least one microdomain of the basic resin.		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 10 OF 11 USPATFULL on STN
 ACCESSION NUMBER: 93:35395 USPATFULL
 TITLE: Use of water-soluble or water-dispersible grafted proteins as detergent additives

INVENTOR(S): Kroner, Matthias, Bad Durkheim, Germany, Federal Republic of
Hartmann, Heinrich, Limburgerhof, Germany, Federal Republic of
Baur, Richard, Mutterstadt, Germany, Federal Republic of
Trieselt, Wolfgang, Ludwigshafen, Germany, Federal Republic of

PATENT ASSIGNEE(S): **BASF** Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5207941		19930504
APPLICATION INFO.:	US 1991-697961		19910510 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1990-4016002	19900518
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Lieberman, Paul	
ASSISTANT EXAMINER:	Fries, Kery A.	
LEGAL REPRESENTATIVE:	Oblon, Spivak, McClelland, Maier & Neustadt	
NUMBER OF CLAIMS:	3	
EXEMPLARY CLAIM:	1	
LINE COUNT:	884	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Phosphate-free and low-phosphate detergents which contain surfactants as essential constituents also contain from 0.1 to 20% by weight, based on the particular formulation, of water-soluble or water-dispersible grafted proteins obtainable by free radical copolymerization of

(A) monoethylenically unsaturated monomers in the presence of

(B) proteins in a weight ratio of (A):(B) of (0.5-90):(99.5-10).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 11 OF 11 USPATFULL on STN

ACCESSION NUMBER: 89:58436 USPATFULL

TITLE: Use of **graft polymers** based on polyesters, polyester urethanes and polyester amides as grayness inhibitors in detergents

INVENTOR(S): Kud, Alexander, Eppelsheim, Germany, Federal Republic of
Trieselt, Wolfgang, Ludwigshafen, Germany, Federal Republic of
Hartmann, Heinrich, Limburgerhof, Germany, Federal Republic of

PATENT ASSIGNEE(S): **BASF** Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4849126		19890718
APPLICATION INFO.:	US 1988-179414		19880408 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1987-3712069	19870409
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Lieberman, Paul	

ASSISTANT EXAMINER: Thompson, Willie J.
LEGAL REPRESENTATIVE: Michaels, Joseph D.
NUMBER OF CLAIMS: 12
EXEMPLARY CLAIM: 1
LINE COUNT: 745

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Detergents contain **graft polymers** obtainable by grafting

(a) polycondensates based on polyesters, polyester urethanes and polyester amides and having in each case a number average molecular weight from 500 to 100,000 with

(b) from 0.2 to 10 parts by weight, based on 1 part by weight of the polycondensates, of vinyl esters of saturated C.sub.1 - to C.sub.6 -carboxylic acids, acrylic and/or methacrylic esters of saturated monohydric alcohols containing 1 to 4 carbon atoms.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.